**Problem with code:** <https://codingcompetitions.withgoogle.com/kickstart/round/000000000043585c/0000000000859dcd>

**Approach :**

-> Every cell can have at most 2 dependencies. Means one of the cells in the same row has to have the same letter as the current element, and one in the vertical column.

-> So this can be imagined as a graph, where there is an edge between these dependent nodes.Now the grid can be filled using simple flood fill.

-> To implement , we need to separate the horizontal components & vertical components & also how many cells are in each component.

Also we need to store the index of a cell inside it’s component.

-> With above 3 data, and the original ‘x’ and ‘y’ coordinates of a node, we can find the required coordinates of the 2 dependents of that node .

-> Now just add ‘x’ and ‘y’ coordinates of all current filled cells in the queue, and do the bfs.